NoVus

4 MPX IP LPR bullet camera with a motorzoom lens

NVIP-4H-6732M/LPR-II





KEY FEATURES

























- •Resolution: 4 MPX
- •Lens: motorized, auto-iris and auto-focus function, f=8 \sim 32 mm/F1.6
- •cooperation with an induction loop (triggering plate recognition by an external vehicle presence sensor)
- •D/N function IR cut filter
- •Licence plate recognition (LPR)
- microSD card support
- •WDR with double scan sensor
- •two-way audio
- •Min. Illumination from 0.001 lx (0 lx, IR on)
- \bullet IR LED, range up to 100 m

COMPLIANCE

DIMENSIONS









280 mm

The camera is dedicated to work with NOVUS 6000 series recorders. Detailed data can be found in the compatibility table available in the DOWNLOADABLE FILES tab.

IMAGE

Image Sensor	4 MPX CMOS sensor 1/1.8" SONY STARVIS
Number of Effective Pixels	2688 (H) x 1520 (V)
Min. Illumination	0.001 lx/F1.6 - color mode • 0 lx (IR on) - B/W mode
S/N Ratio	> 50 dB (AGC off)
Electronic Shutter	auto/manual: 1 s ~ 1/100000 s
Digital Slow Shutter (DSS)	up to 1 s
Wide Dynamic Range (WDR)	yes (double scan sensor), 120dB
Digital Noise Reduction (DNR)	2D, 3D
Defog Function (F-DNR)	yes
Highlight Compensation (HLC)	yes
Back Light Compensation (BLC)	yes
Reduction of image flicker (Antiflicker)	yes

LENS

Lens Type	motorized, auto-iris function, f=8 \sim 32 mm/F1.6
Auto-focus	zoom trigger, manual trigger

DAY/NIGHT

Mode	day/night switching: mechanical IR cut filter
Switching Mode	auto, manual, time
Switching Level Adjustment	yes
Switching Delay	2 ~ 6000 s
Visible Light Sensor	yes

NETWORK	
Stream Resolution	2688 x 1520, 2560 x 1440 (QHD), 2304 x 1296, 1920 x 1080 (Full HD), 1280 x 720 (HD), 704 x 576, 352 x 288 (CIF)
Frame Rate	30 fps for each resolution • 60 fps for 1920 x 1080 (Full HD) • 60 fps is available when HFR mode is enabled
Multistreaming Mode	number of streams: 3 (main stream, sub stream, third stream)
Video/Audio Compression	H.264, H.264+, H.265, H.265+, MJPEG/G.711
Number of Simultaneous Conne	ectionsmax. 10
Bitrate	for H.264 : 128 kbps - 8192 kbps • for H.265 : 64 kbps - 7168 kbps



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Network Protocols Support	HTTP, IPv4/v6, UDP, HTTPS, FTP, DHCP, DDNS, NTP, RTSP, RTP, UPnP, SNMP, QoS, IEEE 802.1X, PPPoE, SMTP, RTCP, P2P, HTML5, RTMP
ONVIF Protocol Support	Profile G/S/M
Camera Configuration	from Edge, Firefox, Chrome, Opera browser • languages: Polish, English, and others
Compatible Software	NOVUS MANAGEMENT SYSTEM VSS, NOVUS MANAGEMENT SYSTEM AC, N Control 6000
Mobile applications	ipGO 6 (iPhone, Android)
OTHER FUNCTIONS	
Security	video encryption, configuration encryption, IEEE 802.1X support, HTTPS support, MAC/IP address filtering, force change of default password
Privacy Zones	4 video mask type: single color
Motion Detection	yes
Region of interest (ROI)	8
Image Processing	180° image rotation, mirror effect
Prealarm/Postalarm	up to 6 s/up to 120 s
System Reaction to Alarm Events	e-mail with attachment, saving file on FTP server, saving file on SD card, alarm output activation, playback of the audio message
Restoring default settings	via web browser, using reset button, via NMS IPTool software
LICENCE PLATE RECOGNITION	N (LPR)
Autonomous operation mode	yes - recognition function implemented in the camera
Capacity of License Plate Database	up to 10000 license plates, on all lists.
Types of recognized number plates	all countries of the European Union / CIS countries
Barrier control	yes - built-in relay output
Recommended maximum speed of the vehicle	up to 120 km/h
Data recorded in the camera base	recognition date/time, number of recognised licence plate, presence on the "white list" or "black list"
Reactions for the licence plate recognition	e-mail with attachment, saving file on FTP server, alarm output activation, Wiegand output activation, saving file on SD card, playback of the audio message
IR LED	
LED Number	4
Range	·
Nange	up to 100 m (depends on current optical zoom value)
Smart IR	
	up to 100 m (depends on current optical zoom value)
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Smart IR INTERFACES	up to 100 m (depends on current optical zoom value) yes (hardware support)
Smart IR INTERFACES Audio Input/Output	up to 100 m (depends on current optical zoom value) yes (hardware support) 1 x Jack (3.5 mm)/1 x Jack (3.5 mm)
Smart IR INTERFACES Audio Input/Output Alarm Input/Output	up to 100 m (depends on current optical zoom value) yes (hardware support) 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) 1 (NO/NC)/1 relay type (max. 12VDC/300mA)
Smart IR INTERFACES Audio Input/Output Alarm Input/Output Control Input/Output	up to 100 m (depends on current optical zoom value) yes (hardware support) 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Wiegand 26, RS-485
Smart IR INTERFACES Audio Input/Output Alarm Input/Output Control Input/Output Network Interface	up to 100 m (depends on current optical zoom value) yes (hardware support) 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Wiegand 26, RS-485 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s
Smart IR INTERFACES Audio Input/Output Alarm Input/Output Control Input/Output Network Interface Memory Card Slot	up to 100 m (depends on current optical zoom value) yes (hardware support) 1 x Jack (3.5 mm)/1 x Jack (3.5 mm) 1 (NO/NC)/1 relay type (max. 12VDC/300mA) Wiegand 26, RS-485 1 x Ethernet - RJ-45 interface, 10/100 Mbit/s







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Degree of Protection	IP 67 (details in the user's manual)
Power Supply	12 VDC, 24 VAC, PoE (IEEE 802.3af, Class 3)
Surge protection	TVS 4000 V
Power Consumption	5 W • 11 W (IR illuminator on)
Operating Temperature	-30°C ~ 60°C
Humidity	max. 95%, relative (non-condensing)

AAT SYSTEMY BEZPIECZEŃSTWA sp. z o.o. hereby declares, that this NOVUS product does not contain any components or technologies manufactured by the entities mentioned in the Section 889 of the National Defense Authorization Act (NDAA) for Fiscal Year 2019

